

Converting Colors

XYZ(70.3623, 75.8400, 84.3289)

Have a look what the booklet for
XYZ(70.3623, 75.8400, 84.3289)
contains.

XYZ(70.3623, 75.8400, 84.3289)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(70.3623, 75.8400,
84.3289)**

Conversions

Conversions Part 1

Format	Color
Hex	D9E4E4
RGB	217, 228, 228
RGB Percent	85%, 89%, 89%
CMY	0.1490, 0.1059, 0.1059
CMYK	0.05, 0.00, 0.00, 0.11
HSL	180°, 17%, 87%
HSV	180°, 5%, 89%
XYZ	70.3623, 75.8400, 84.3289
YIQ	224.7110, -6.5560, -2.3320

Conversions

Conversions Part 2

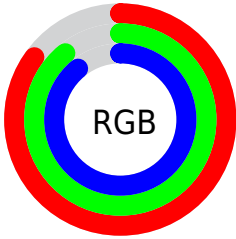
Format	Color
RYB	217, 223, 228
Decimal	14279908
CIELab	89.79, -3.66, -1.28
CIElCh	90, 3.877, 199.295
Yxy	75.8400, 0.3052, 0.3290
Android (android.graphics.Color)	4292469988 (0xFFD9E4E4)
YUV	224.7110, 1.6215, -6.7625
Hunter-Lab	87.0862, -8.1796, 3.5475

Details

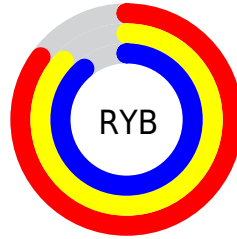
The XYZ color **70.3623, 75.8400, 84.3289** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.3350, 71.1315, 75.7247**, and the grayscale version is **71.3545, 75.0705, 81.7518**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.3867, 40.5857, 45.3985** is the 20% darker color. If you saturate the color by 10%, you get **64.0474, 72.5868, 84.0294**, and if you desaturate by 10%, it is **77.6178, 79.5823, 84.6755**.

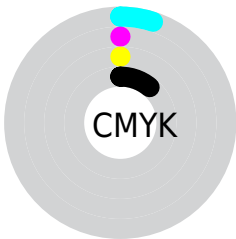
Distribution



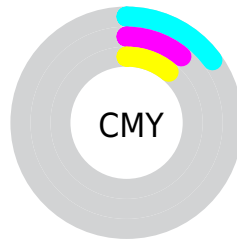
- Red (85%)
- Green (89%)
- Blue (89%)



- Red (85%)
- Yellow (87%)
- Blue (89%)



- Cyan (5%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (15%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.3623, 75.8400, 84.3289 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 70.3623, 75.8400, 84.3289 by changing the saturation by 10% instead.

■ 70.3623, 75.8400,
84.3289

■ 70.3623, 75.8400,
84.3289

451.0677,
480.7998, 529.4914

■ 52.1026, 56.3013,
62.7401

118.7487,
127.5007, 141.3010

■ 37.3115, 40.4446,
45.1913

149.6062,
160.3915, 177.5213

■ 25.6235, 27.8853,
31.2641

185.3936,
198.5019, 219.4559

■ 16.6734, 18.2392,
20.5399

226.4764,
242.2161, 267.5233

■ 10.0958, 11.1219,
12.6001

273.2198,
291.9186, 322.1419

■ 5.5253, 6.1489,
7.0263

325.9892,

■ 2.5965, 2.9358,

347.9938, 383.7305

3.3999

385.1501,
410.8261, 452.7075

■ 0.9442, 1.0983,
1.3023

■ 0.0000, 0.0000,
0.0636

■ 70.3623, 75.8400,
84.3289

■ 70.3623, 75.8400,
84.3289

■ 64.0474, 72.5868,
84.0294

■ 77.6178, 79.5823,
84.6755

■ 58.6286, 69.7934,
83.7703

■ 82.9908, 82.3521,
84.9325

■ 54.0671, 67.4420,
83.5513

■ 82.9918, 82.3525,
84.9380

■ 50.3191, 65.5100,
83.3704

■ 82.9929, 82.3529,
84.9436

47.3368, 63.9726,
83.2254

82.9939, 82.3534,
84.9492

45.0674, 62.8028,
83.1136

82.9950, 82.3538,
84.9547

43.4514, 61.9699,
83.0325

82.9961, 82.3542,
84.9603

42.4198, 61.4382,
82.9787

82.9971, 82.3546,
84.9658

41.8880, 61.1641,
82.9483

82.9982, 82.3550,
84.9714

Harmonies

Analogous

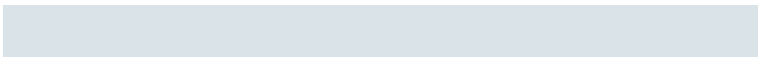
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.2922, 75.8400, 81.6026



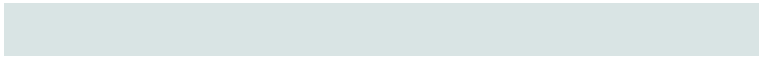
70.3623, 75.8400, 84.3289



70.8913, 75.8400, 86.6330

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.3623, 75.8400, 84.3289



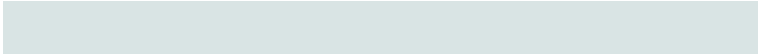
73.4864, 75.8400, 86.0586



72.4257, 75.8400, 77.5105

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



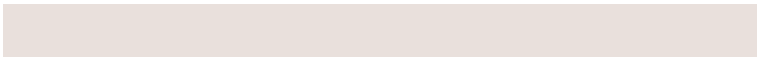
70.3623, 75.8400, 84.3289



69.3350, 71.1315, 75.7247

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.2893, 75.8400, 78.6493



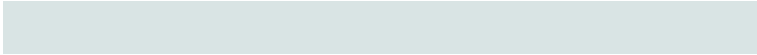
70.3623, 75.8400, 84.3289



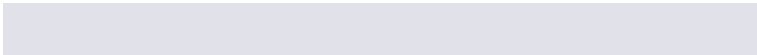
73.9053, 75.8400, 83.5588

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.3623, 75.8400, 84.3289



72.6928, 75.8400, 87.6468



73.8328, 75.8400, 80.8493



71.4779, 75.8400, 77.7063

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



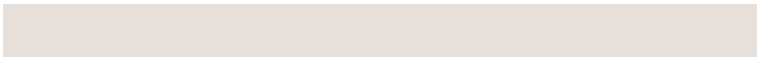
70.3623, 75.8400, 84.3289



71.4356, 75.8400, 87.6007



73.8328, 75.8400, 80.8493



72.7356, 75.8400, 77.7489

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



70.3645, 75.8432, 84.3306



94.1179, 99.5195, 108.8557



68.9398, 75.2797, 76.5437



20.1549, 21.3063, 23.3001



0.0000, 0.0000, 0.0000



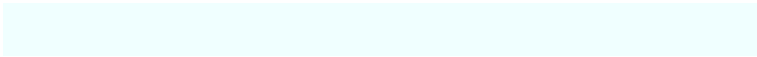
20.3446, 21.4041, 23.3091

Same Dimension

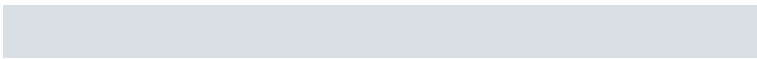
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.3645, 75.8432, 84.3306



89.6426, 97.2125, 108.6427



68.9242, 72.9619, 83.8530



15.2117, 16.5448, 18.5353



24.1003, 35.2722, 47.8897



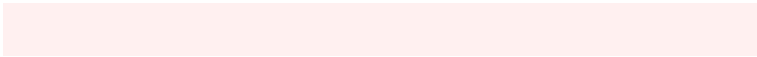
1.7810, 2.6065, 3.5392

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



69.3350, 71.1315, 75.7247



87.9962, 89.6774, 94.8802



70.7276, 73.9175, 76.1866



14.9048, 15.1401, 15.9696



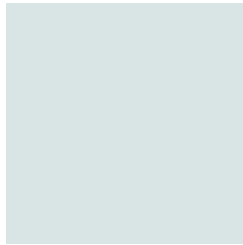
18.4754, 9.5244, 0.8663



1.3653, 0.7038, 0.0644

Previews

White Background



This preview shows how the XYZ color 70.3623, 75.8400, 84.3289 looks on a white background.

Color Contrast Check

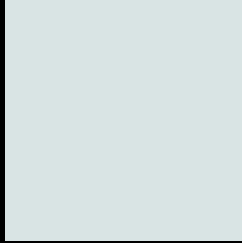
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 70.3623, 75.8400, 84.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

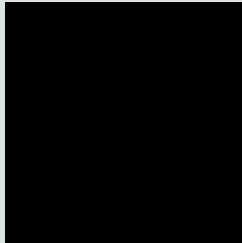
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

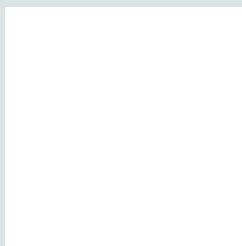
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.3623, 75.8400, 84.3289

Background



This preview shows how black text looks on a background with the XYZ color 70.3623, 75.8400, 84.3289.

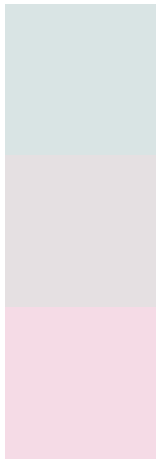


This preview shows how white text looks on a background with the XYZ color 70.3623, 75.8400,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

70.3623, 75.8400, 84.3289

Protanopia

72.6962, 75.4603, 82.6853

Deuteranopia

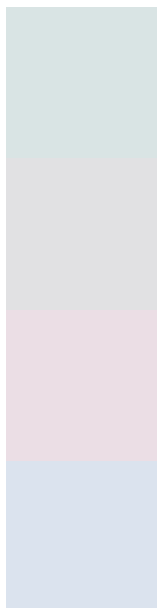
77.2706, 75.7887, 85.4190



Tritanopia

72.8892, 76.0794, 95.6371

Trichromacy



Original Color

70.3623, 75.8400, 84.3289

Protanomaly

71.8417, 75.4040, 83.4410

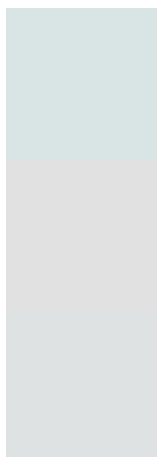
Deuteranomaly

74.5251, 75.5619, 84.7857

Tritanomaly

72.1151, 76.1713, 91.7906

Monochromacy



Original Color

70.3623, 75.8400, 84.3289

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.0480, 75.4133, 82.7631

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.3623, 75.8400, 84.3289 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(217, 228, 228) looks like.

```
.text, #text, p{  
    color:rgb(217, 228, 228)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(217, 228, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 228, 228) }
```

Border

The CSS property to change the border of an element to XYZ 70.3623, 75.8400, 84.3289 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 228, 228) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(217, 228, 228) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(217, 228, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 228, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 228, 228);  
box-shadow:4px 4px 4px 4px rgb(217, 228,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 70.3623, 75.8400, 84.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 228, 228) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(217,  
228, 228) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor